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PTO/SB/05 (2/98)

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 01827.0016.00US00  
First Named Inventor or Application Identifier Ganning YANG and John WALLEY  
Title BURST DETECTOR  
Express Mail Label No. EL 711910063US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 32]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 12]
3. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above  
copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

**15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

**16. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 22930 or ☒ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	Robert C. Laurenson	Registration No. (Attorney/Agent)	34,206		
Signature	[Signature]			Date	December 11, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FORM PTO-1082**

**Express Mail No. EL 711910063US**

**HOWREY SIMON ARNOLD & WHITE, LLP**

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***Box Patent Application***

**COMMISSIONER FOR PATENTS**

**Washington, D.C. 20231**

Sir:

Transmitted herewith for filing is the patent application of **Ganning YANG** and **John WALLEY**,  
for **Burst Detector**.

Also, enclosed are:

1. Utility Patent Application Transmittal
2. Utility Application
3. Drawings
4. Reply Postcard

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 355.00	OR		\$ 710.00
TOTAL CLAIMS	48-20 =	28	x 9 =	0.00	OR	x 18 =	252.00
INDEP. CLAIMS	8-3 =	5	x 40 =	0.00	OR	x 80 =	400.00
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 135 =	0.00	OR	+ 270 =	270.00
			TOTAL	\$0.00	OR	TOTAL	\$1,632.00

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

HOWREY SIMON ARNOLD & WHITE, LLP



Robert C. Laurenson, Reg. No. 34,206

Date: December 11, 2000